



# *Freeway*

**Personal Mobile Radio**

# User Guide

# *Explanation of the display icons*



Displays the code for the selected channel or the volume level.



Displays the code of the sub channel.



Flashes to indicate that the key lock is switched on.



Indicates that the handset is receiving a call.



Indicates that the handset is transmitting.

**STANDBY**

Flashes to indicate that the handset is in battery saver mode.



Displayed when the power is on to indicate signal standby.



Indicates the status of the battery.

# Introduction

## Unpacking

If anything is missing, please contact your place of purchase immediately.

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With each Freeway Walkie Talkie handset you will get:



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Belt clip  
(attached to back of handset)



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4 x AAA batteries (alkaline)

**Or**

Ni-MH battery pack rechargeable



### **For your records**

Date of purchase:

Place of purchase:

Serial number:

For guarantee purposes proof of purchase is required so please keep your receipt.

# *Safety instructions*

## **General**

Do not open the handset.

Never dispose of batteries in a fire. There is a serious risk of explosion and/or the release of highly toxic chemicals.

Radio signals transmitted between handsets may cause interference to hearing aids.

Switch off the radio when near medical equipment.

This product should not be used by people with pacemakers.

Do not use the radio when driving a vehicle or operating machinery.

Do not use your radio when on board an aircraft.

Do not use your radio if it has a damaged antenna.

Do not operate the radio in hazardous environments, explosion or fire may result. Examples of typical hazardous environments include petrol stations and areas where explosive products are used.

Do not expose your product to direct sunlight, extreme cold or place it near heating appliances.

Do not submerge any part of your product in water and do not use it in damp, humid or wet conditions.

Do not expose your product to fire, explosive or other hazardous conditions.

## **Cleaning**

Simply clean with a damp (not wet) cloth, or an anti-static wipe.  
Never use household polish as this will damage the product.  
Never use a dry cloth as this may cause a static shock.

## **Note**

In the event of an accident this product cannot be used to contact the emergency services.

# Setting up

## 1 Installing the batteries

Your Freeway handset is supplied with 4 x AAA (alkaline) batteries or a Freeway rechargeable Ni-MH battery pack depending on which version you have purchased.

### Note

*Please note that alkaline batteries will require replacing and can **NOT** be used with the Freeway charger.*

*The typical battery capacity of an AAA alkaline battery is approximately twice that of an AAA size Ni-MH battery. The battery life for the Freeway is approximately 21 hours using alkaline batteries and approximately half this using rechargeable Ni-MH batteries.*

*The Freeway handset can be charged when it is switched on or off, however, it will take longer to fully charge the battery pack if the handset is left switched on.*

*To fully charge the battery pack, from a fully discharged state takes around 14 to 16 hours.*

*The lights on the Freeway charger will stay lit even when the battery pack is fully charged.*

### Freeway accessories

*You can purchase Freeway rechargeable battery packs and a Freeway charger by calling **0870 240 5522**.*

*Or visit: [www.withandwithoutwires.com](http://www.withandwithoutwires.com)*

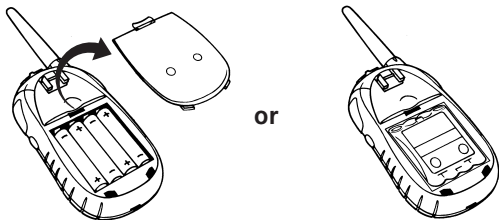
*Freeway charger item code: 003743.*

*Freeway rechargeable battery pack item code: 004194.*



If the belt clip is attached you will need to remove it first, *please see step 2 below*.



Pull back the battery cover tab and lift the cover off.



Insert 4 x AAA (alkaline) batteries **or** the Freeway rechargeable battery pack, ensuring that the + and – on the batteries match up with those marked inside the battery compartment. Replace the battery cover and make sure that the tab locks back into place.



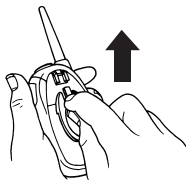
### Battery low indicator

*When the batteries are fully charged the display will show the  icon. When the battery power becomes low the  icon will flash to indicate that the batteries need replacing. You should replace all the batteries, do not mix new and old batteries and ensure that you use all the same type of batteries.*

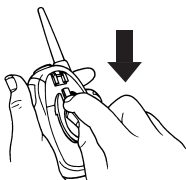
## 2 Installing and removing the belt clip

Align the belt clip tabs up with the guides on the back of your handset.

Slide the belt clip up the guides until it locks into place.



If you want to remove the belt clip, pull back the lever on the top of the belt clip and slide the clip down out of the guides.

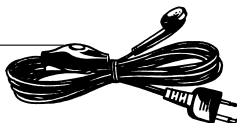


### 3 Installing and removing the optional Freeway headset

To purchase optional Freeway headsets please call **0870 240 5522** or visit [www.withandwithoutwires.com](http://www.withandwithoutwires.com)

Freeway Headset item code: 004191.

PTT button

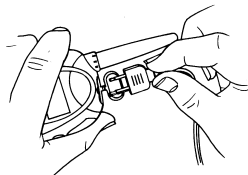


#### Note

*You must always switch the power OFF before installing or removing the headset. We recommend you set the volume to a LOW level.*

Open the tab on the top of the handset.

Insert the headset plug firmly into the holes on the top of the handset.



If you remove the headset from the handset you should cover the holes with the attached tab to make sure dust and dirt is kept away from the contacts.

**Note**

*To use the Freeway headset, press the PTT (Press To Talk) switch on the headset to make a call and release it to receive a call. You can also adjust the volume level by using the volume buttons on your Freeway handset.*

# Using your Freeway handsets

## To switch the Freeway handset power ON or OFF



Press *and hold* the **POWER** button for about 2 seconds.

You will hear a tone to indicate that the handset has been switched ON (or OFF).

## To select a channel



Press the **CHANNEL +** or **-** button to select a channel from **1** to **8**. To keep scrolling through the channels you can press *and hold* the **+** or **-** button and then *release* it when you reach the channel you want.

The selected channel will be shown on the display.

It is advisable to lock the keys once you have selected your channel to ensure it does not change, see below.

### To switch the key lock ON or OFF

You can lock the **CHANNEL + or -**, **MODE**, and **POWER** buttons to prevent you from accidentally changing the channel or channel settings or from switching the handset off.



Press *and hold* the **LOCK** button for more than 1 second to switch the key lock ON.

The key lock icon will appear on the display. (You can continue to use the **TALK**, **CALL**, **LIGHT** and **VOLUME + and -** buttons).



To switch the key lock OFF, press *and hold* the **LOCK** button again for more than 1 second.

#### Note

*Your handsets have a range of up to 3 km (2 miles). However, the range can be affected by certain conditions, for example, buildings, foliage and mountainous areas in the way of the signal. You can obtain the maximum range in flat, open spaces.*

## To call another handset

Please note, that to call or talk to others, all radios in your group must be set to the same channel number.

### Call

Once you have selected a channel, press the **CALL** button to alert the other handset user that you want to communicate with them.

(The other handset user will hear a 2 second ringing tone to alert them to your call).

### Talk

To talk to the other handset user, *press and hold* the **TALK** button, then hold the handset about 3 inches (7½ cm) from your mouth and speak into the microphone. The transmission icon will be shown on the display.

### Talk


*Release* the **TALK** button when you have finished speaking. Your listener will hear an audible tone (called a roger tone). This alerts the other handset user that you have finished talking and they can respond.

## Note

*If you do not release the **TALK** button after you finish speaking, you will not be able to receive any calls. Also, if you press the **TALK** button for extended periods you will reduce the battery power.*

## To listen for and talk to another handset user

If another handset user is calling, you will hear a 2 second ringing tone to alert you that they are going to speak.

You will then hear them speaking to you. The  icon will be shown on the display to indicate that you are receiving a call. (You may need to adjust the volume, *see p12*).

Talk

When the other handset user has finished speaking you can respond to the call, press *and hold* the **TALK** button, then hold the handset about 3 inches (7½ cm) from your mouth and speak into the microphone. The transmission icon will be shown on the display.

Talk

*Release* the **TALK** button when you have finished speaking.

## Battery saver mode

*If there are no transmissions for 10 seconds your BT Freeway will automatically switch to battery saver mode. This is indicated by a flashing **STANDBY** icon on the display.*

*If any incoming or outgoing calls are made the handset will return to standby mode.*

### To adjust the volume of incoming calls



Press the **VOLUME +** or **-** button to increase or decrease the volume of incoming calls. The volume levels range from **1-8**.

You can also press *and hold* the **VOLUME +** or **-** button to keep increasing or decreasing the volume until you reach the required level or until you reach the handset's maximum or minimum level at which point you will hear a double beep.

The volume level (**1-8**) will be shown on the display for about 5 seconds, the display will then return to the channel number.

### To manage unwanted calls

You can reduce interference from unwanted calls by setting up a code on your selected channel. You must then ensure that each member of your group is using the same code, if they do not, you will not be able to communicate with them.

If you set the code on your selected channel to **00** (OFF), you will hear calls from everyone within range who is using the same channel you have selected.



## WARNING

*If using your Freeway in Southern Ireland you are prohibited from using Code 00 on any channel.*

### *To change the code:*



Press the **MODE** button. The current code will flash.



Press the **CHANNEL +** or **-** button to select your code number between **00** and **38**. Your selected code will be shown on the display.

*Or*



Press *and hold* the **CHANNEL +** or **-** button to scroll through the codes until you release the button.



Press the **MODE** button to confirm the new code.

Ensure that you tell other members of your group the code you have set up so you can hear each other's calls.

### To switch the handset display light ON or OFF



Press the **LIGHT** button. The display will light up for approximately 10 seconds.

Each time you press the **VOLUME +** or **-**, **CHANNEL +** or **-**, **CALL**, **MODE** or **LOCK** buttons while the display light is switched on, the 10 second timer will reset so that it will stay on for a further 10 seconds.



To switch the display light OFF, press the **LIGHT** button.

### To switch the squelch OFF

When you are not receiving a call, the squelch on your handset automatically mutes the speaker so that you will not hear weak signals or background noise. You can switch this feature off temporarily or for longer periods of time. By switching the squelch off you can adjust the volume more easily or communicate with someone where the signal is too weak under normal circumstances.



### To switch the squelch OFF temporarily:

Press *and hold* the **LIGHT** button for about half a second. You will now hear any background noise.



*Release* the **LIGHT** button to switch the squelch back ON.



### To switch the squelch OFF for longer periods of time:

Press *and hold* the **LIGHT** button for more than 5 seconds.

You will hear two beeps to indicate that the squelch has been switched OFF and you will now hear any background noise.



Release the **LIGHT** button and then operate on the channel as usual.



To switch the squelch back ON, press the **CHANNEL +** or **-** button, or press the **LIGHT** button again for more than half a second.

# *General information*

## **Guarantee**

Your BT Freeway is guaranteed for a period of 12 months from the date of purchase.

### **The conditions of this guarantee are:**

- The guarantee shall only apply to defects that occur within the 12 month guarantee period.
- Proof of purchase is provided.
- The equipment is returned to BT or its agent as instructed.
- This guarantee does not cover any faults or defects caused by accidents, misuse, fair wear and tear, neglect, tampering with the equipment, or any attempt at adjustment or repair other than through approved agents.
- This guarantee does not affect your statutory rights.

### **If you have to return your product:**

Pack the handsets securely, preferably in the original packaging. All parts must be returned, including belt clips and original batteries.

### **Outside of Guarantee:**

If your product needs repair outside of the guarantee we recommend that you call **01672 564 444** for details of our recommended repair agents.

## **RTTE**

This equipment complies with the Essential Requirements and Provisions of the Radio Equipment and Telecommunications Terminal Equipment Directive 1999/5/EC.

In demonstration of conformance with the Essential Requirements for Electrical Safety, Electro-Magnetic Compatibility and Radio Spectrum matters covered by the following standards:

EN 60950 incorporating amendments 1,2,3,4 (1993)

### **Electrical Safety**

ETS 300 279 (02/1999)

### **EMC**

ETS 300 296-2 (03/2000)

### **Radio Spectrum**

A copy of the original manufacturers Declaration of Conformity can be obtained by calling 01473 605893 or alternatively by e-mail from the following address [COMMPROD@btuk02.bt.com](mailto:COMMPROD@btuk02.bt.com)



## Offices worldwide

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